

Notice of Allowability

Application No.

10/598,676

Examiner

ALLAHYAR KASRAIAN

Applicant(s)

SKOG, ROBERT

Art Unit

2617

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/08/2011.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 30,32,34-42 and 44-57.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 04/08/2011
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20110930.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Allahyar Kasraian/
Examiner, Art Unit 2617

/KAMRAN AFSHAR/
Supervisory Patent Examiner, Art Unit 2617

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/08/2011 has been entered.

Information Disclosure Statement

2. The information disclosure statement submitted on 04/08/2011 has been considered by the Examiner and made of record in the application file.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven Smith (Registration No. 36,684) on 09/29/2011.
5. The application has been amended as follows:

Claim 49:

(Currently Amended) A first mobile node in a packet-switched communication system having a registration unit for handling a web service, the first mobile node storing a web service associated with a web service identifier and comprising:

a processor and a non-transitory memory device for storing computer program instructions, wherein when the processor executes the instructions, the processor causes the first mobile node to perform the following steps:

transmitting, to ~~[[a]]~~ the registration unit, a request to register the web service, the request including the web service identifier associated with the web service and a unique circuit-switched identifier of the first mobile node, the registration unit registering the web service identifier associated with the web service, the unique circuit-switched identifier of the first mobile node, and locating information for the web service at the first mobile node, wherein when a second mobile node requests the locating information from the registration unit utilizing the web service identifier and the unique circuit-switched identifier of the first mobile node, the registration unit transfers the locating information to the second mobile node, enabling the second mobile node to locate the web service at the first mobile node; and

receiving a request from the second mobile node to establish communications with the web service at the first mobile node; and

establishing communications between the ~~stored~~ second mobile node and the web service ~~and a second~~ at the first mobile node ~~that requests communication with the web service using the locating information in response to the request from the second mobile node.~~

Claim 50:

- a) On line 1 of claim 50, insert --first-- before "mobile".

Claim 51:

- a) On line 1 of claim 51, insert --first-- before "mobile";
b) On line 2 of claim 51, insert --first-- before "mobile";
c) On line 3 of claim 51, insert --first-- before "mobile".

Claim 52:

- a) On line 1 of claim 52, insert --first-- before "mobile";
b) On line 2 of claim 52, insert --first-- before "mobile";

Claim 53:

- a) On line 1 of claim 53, insert --first-- before "mobile";

Claim 54:

- a) On line 1 of claim 54, insert --first-- before "mobile";

Claim 55:

- a) On line 1 of claim 55, insert --first-- before "mobile";

Claim 56:

(currently amended) A packet-switched communication system that handles web services and includes a first mobile node having a web service associated with a web service identifier, the system comprising:

a first mobile node; and

a registration unit in communication with the first mobile node and a second mobile node;

wherein the first mobile node is adapted to store a web service associated with a web service identifier, and to transmit to [[a]] the registration unit, a request for registering the web service of the first mobile node, the request including the web service identifier associated with the web service and a unique circuit-switched identifier of the first mobile node; and

wherein the registration unit is adapted to;

register the web service identifier associated with the web service, the unique circuit-switched identifier of the first mobile node, and locating information for the web service at the first mobile node;

receive a request from the second mobile requesting the location information for the web service at the first mobile node, wherein the request from the second mobile node includes the web service identifier associated with the web service and the unique circuit-switched identifier of the first mobile node; and

transfer the requested location information from the registration unit to the second mobile node to enable the second mobile node to communicate with the web service at the first mobile node.

~~-, and is adapted to make the locating information available to a second mobile node in the communication system to enable the second mobile node to communicate with the web service at the first mobile node.~~

Claim 58:

(Canceled).

Allowable Subject Matter

6. **Claims 30, 32, 34-42, and 44-57** are allowed.

7. The following is an examiner's statement of reasons for allowance:

Independent **claims 30, 41, 49 and 56**, are allowable in view of Applicant's amendments and arguments as filed on 04/08/2011.

Therefore, **claims 30, 41, 49 and 56** are considered novel and non-obvious and are therefore allowed.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

9. Any response to this Office Action should be **faxed to** (571) 273-8300 **or mailed to:**

Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

10. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Allahyar Kasraian whose telephone number is (571) 270-1772. The Examiner can normally be reached on Monday-Thursday from 8:00 a.m. to 5:00 p.m.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Rafael Pérez-Gutiérrez can be reached on (571) 272-7915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 571-272-4100.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

/Allahyar Kasraian/

Examiner, Art Unit 2617

/KAMRAN AFSHAR/

Supervisory Patent Examiner, Art Unit 2617

Application/Control Number: 10/598,676
Art Unit: 2617

Page 8